## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1338	525/314	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/21 12:56
L2	325	525/313	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/21 12:58
L3	15	("20020128401"   "6225421"   "5769927"   "4337069"   "20030191251"   "5177153").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/11/21 13:04
S1	1	10/589048	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 16:19
S2	21	"6225421"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 16:19
S4	1	("20020128401").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/29 16:20
S5	1	("20030191251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/29 16:21
S6	14	("6225421")and(ziegler adj natta)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/29 21:14

S7	366	585/315	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:07
<b>S</b> 8	202	585/18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:10
S9	1249	526/65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:12
S10	540	526/75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:17
S11	82	526/95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:20
S12	1151	526/114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:21
S13	1046	526/64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:24
S14	3539	526/160	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:27

S15	6	"7008898"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:57
S16	2	"7196152"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 11:58
S17	6	"6204345"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 12:00
S18	10	"7402637"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 12:06
S19	10	"5352658"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 12:08
S20	2	"6465608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 12:10
S21	7	"5658840"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 12:12
S22	102	(olefin) and (polymerization) and ((off adj gas) same (cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:03

S23	60	(olefin) and (polymerization) and ((product adj gas) same (cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:42
S24	26	(polyolefin)and((product adj gas)same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:49
S25	7625	(ethylene same polymerization)and((gas) same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:50
S26	189	(ethylene same polymerization)with((gas) same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:50
S27	1	(ethylene same suspension same polymerization)with((gas) same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:54
S28	33	(suspension same polymerization)with((gas) same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 15:55
S29	172	(olefin same polymerization)with((gas) same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 16:02
<b>S</b> 30	33	(suspension same polymerization) with ((gas) same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/30 20:58

S31	1218	"4543399"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 07:26
S32	1153	"4588790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 07:30
S33	165	"3324095"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 07:31
S34	13	("3324095")and((gas or recycle)same(cooling))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 07:54
S35	1574	526/351	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 11:16
S36	516	526/116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 11:20
<b>S</b> 37	245	526/118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/31 11:24
S39	3	("6225421")and(after same reactor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/12 11:46

S41	1	("20020128401") and (after same reactor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/12 11:47
S42	5	("6225421")and(yield)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/12 11:50
S44	55	"4528790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 08:52
S45	1	(suspension adj polymerization) and ((offgas) and (cool\$4) and (gas adj scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 08:55
S46	8	(polymerization) and ((offgas) and (cool\$4) and (gas adj scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 08:56
S47	28	(compressed) and ((offgas) and (cool\$4) and (gas adj scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 08:57
S48	9	(polymerization) and ((offgas) and (gas adj scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:05
<b>S</b> 49	39	(polymerization) and ((offgas) and (cool\$4) and (scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:18

S50	418	(offgas) and (cool\$4) and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:25
S51	137	(offgas)same((cool\$4)and (scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:25
S52	747	(polymer\$6)same((cool \$4)and(scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:38
S53	264	(polymer\$6)same((cool \$4)with(scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:39
S56	30	((polymer\$6)and(offgas)) and((cool\$4)with (scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:40
<b>S</b> 57	160	(offgas) and ((cool\$4) with (scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:44
S58	58	(offgas)same((cool\$4) with(scrubber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:45
<b>S</b> 59	18	"3414248"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:49

S60	9	"3332884"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:50
S61	10	"3803804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:51
S62	28	"4799941"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:52
S63	55	"4528790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:54
S64	1343	526/65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:55
<b>S</b> 65	2	(526/65) and (offgas) and (scrubb\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:56
<b>S</b> 66	24	(526/65) and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 09:58
S67	433	(polyolefin) and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 10:09

S68	10	(polyolefin)with (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 10:10
<b>S</b> 69	89	(polymerization) with (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 10:10
S71	119	(suspension adj polymerization)and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 10:41
S72	9	"5859156"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 10:55
S73	22	(suspension adj polymerization)and (polyolefin)and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:19
S74	7	"3971069"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:23
S75	72	"3971768"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:24
S76	14	("3971768")and (compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:34

S77	5	("2742454") and (compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:39
S79	1	("3222409") and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:43
S80	956	"5462999"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:51
S81	17	("5462999")and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:53
S82	32	("5462999")and(scrubb \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:53
S83	39	"4258790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:54
S84	956	("5462999")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 11:57
S85	1	("5177153")and(scrubb \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 12:21

S86	27	"5769927"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 13:51
S87	14	"4337069"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 14:10
S88	24	"6225421"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/09 14:22
<b>S</b> 89	72	"3971768"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/10 07:57
S90	959	"5462999"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/10 08:03
S91	9	("4337069")and (pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/10 09:03
S92	120	(suspension adj polymerization)and (scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/02 08:57
S93	22	(suspension adj polymerization) and (scrubber) and (polyolefin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/02 09:16

S96	1	("20020128401")and(cool \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/02 10:51
S98	46	("4528790")and(cool\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/02 10:53

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	O	(continuous) and (suspension) and (process) and (polyolefin) and (polymers) and (bimodal) and (multimodal) and (mass) and (distribution) and (monomer) and (comonomer) and (first) and (downstream) and (reactor) and (after adjreactor) and (yield) and (compression) and (stage) and (cooling) and (inert) and (hydrogen) and (scrubber).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/11/21 13:14
L16	3	(continuous) and (suspension) and (process) and (first) and (reactor) and (yield) and (compression) and (stage) and (inert) and (hydrogen) and (scrubber).clm.	US-PGPUB; USPAT; UPAD	OR	COFF	2011/11/21 13:19

## 11/21/2011 1:24:56 PM

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